

Patent Number

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Title

SEALING MATERIAL COMPRISING EXPANDED GRAPHITE - PREPD.
BY COMPRESSION MOULDING EXPANDED GRAPHITE TO SPECIFIED
DENSITY

Patent Assignee

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Abstract

SEALING MATERIAL COMPRISES EXPANDED GRAPHITE. IT IS
PREPD. BY COMPRESSION MOULDING OF EXPANDED GRAPHITE TO A
DENSITY OF 1.0-2.0 G/CM³. THE RAW MATERIAL USED IS
REGENERATED EXPANDED GRAPHITE COARSE POWDER OBTD. BY
CRUSHING THE WASTE OF EXPANDED GRAPHITE SHEET USED IN
AMT. OF 50-100 WT.% AND EXPANDED GRAPHITE POWDER BEFORE
FORMATION INTO SHEET (UNTREATED EXPANDED GRAPHITE
POWDER) IS USED IN AN AMT. OF LESS THAN 50 WT.%. THE
REGENERATED EXPANDED GRAPHITE COARSE POWDER IS 0.5-5 MM
IN LENGTH AND WIDTH.

ADVANTAGE - FLOW OF RAW MATERIAL EXPANDED GRAPHITE IN A
MOULD IS IMPROVED AND SEALING MATERIAL E.G. PACKING AND
GASKET WHICH HAS MECHANICAL PROPERTIES AND RESISTANCE TO
HEAT AND CHEMICALS IS OBTD. AT A LOW COST. (4PP
DWG.NO.0/2)